

ENHANCING EDUCATION THROUGH TECHNOLOGY ED TECH PROGRAM CONSORTIA GRANT PROJECTS

Blue Ridge East Consortium

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Goals and Objectives

Goal:

During the five-year period, provide professional development to enable teachers to effectively integrate technology into the curriculum to enhance classroom instruction.

Objective:

The equivalent of one teacher per school in each district of the consortium will participate in train-the-trainer professional development activities.

Develop guidelines for determining qualifications and endorsement procedures for an online resource database of teacher training experts.

The consortium will develop a successful model for carrying training forward from the regional train-the-trainer level to division-level professional development with ongoing follow-up activities.

Goal:

Develop a database of research based resources, including existing and new materials created through the professional development activities of this project.

Objective:

Teachers who participate in professional development activities will submit for publication technology-rich lesson plans for inclusion in a Web based technology integration lesson bank.

Goal:

During the five-year period, provide professional development experiences to enable building level administrators to identify and support effective technology integration in the classroom.

Objective:

Promote participation in the VITAL (Virginia Initiative for Technology and Administrative Leadership) program.

Identify strategies to expand educational opportunities to administrators not targeted by the existing VITAL program.

Goal:

During the five-year period, increase parental, community, and partner awareness of how technology is used in the classroom.

Objective:

Compile and publish a list of effective outreach strategies to disseminate information to parents, community members, and partners concerning uses of technology in teaching and learning.

Goal:

Develop a region-wide interactive connectivity model for the delivery of professional development and classroom instruction opportunities.

Objective:

Develop a standardized model utilizing H.323 for the distribution of two-way interactive video for professional development delivery.

Consortium Members:

Martinsville City, Alleghany County, Amherst County, Appomattox County, Bath County, Bedford County, Bland County, Botetourt County, Bristol City, Buchanan County, Campbell County, Carroll County, Covington City, Craig County, Danville City, Dickenson County, Floyd County, Franklin County, Galax City, Giles County, Grayson County, Henry County, Lee County, Lynchburg City, Montgomery County, Norton City, Patrick County, Pittsylvania County, Pulaski County, Radford City, Roanoke City, Roanoke County Russell County, Salem City, Scott County, Smyth County, Tazewell County, Washington County, Wythe County, Wise County, Blue Ridge Public Television, Science Museum of Western VA, Longwood University Institute for Teaching with Technology and Innovative Practices, Dreaming and Achieving, Institute for Connecting Science to the Classroom, VA Tech, North Cross School, Martin Bro. Learning, Appalachian Rural Systemic Initiative A.R.S.I., Production Services, VA Dept Contractors, Inc., Roanoke College, Franklin County Public Schools Virginia's C.H.I.L.D. Project CATCE/Gereau Center for Technology, S.W. Virginia Branch, English Speaking Union, WCVE Public Television, WHRO Public Television, United. of Education, Grand Home Furnishing, The Jason Project, Community School, SIS Solutions, L.L.C., Jefferson Poplar Forest, 3rd Wave, Inc., World Com Marco Polo State

Administrator, Virginia Intermont College, Logg Mason Wood Walker, Inc., VA
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Blue Ridge West Consortium

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Goals and Objectives

Goal:

Provide high quality professional development to enable teachers to use technology to improve the quality of instruction for all students with particular focus on overcoming the disadvantages of small geographically isolated schools.

Objective:

Develop the capacity to deliver high-quality professional development activities using Mixed Mode delivery. Provide local professional development institutes focusing on Technology Integration utilizing the 5 Stages (ACOT) and 21st Century Skills.

Goal:

During the five-year period, increase parental, community, and partner awareness of how technology is used in the classroom.

Objective:

To showcase examples of instructional technology best practices for educators, parents, and the public.

Consortium Members:

Martinsville City, Alleghany County, Amherst County, Appomattox County, Bath County, Bedford County, Bland County, Botetourt County, Bristol City, Buchanan County, Campbell County, Carroll County, Covington City, Craig County, Danville City, Dickenson County, Floyd County, Franklin County, Galax City, Giles County, Grayson County, Henry County, Lee County, Lynchburg City, Montgomery County, Norton City,

Patrick County, Pittsylvania County, Pulaski County, Radford City, Roanoke City, Roanoke County Russell County, Salem City, Scott County, Smyth County, Tazewell County, Washington County, Wythe County, Wise County, Blue Ridge Public Television, Science Museum of Western VA, Longwood University Institute for Teaching with Technology and Innovative Practices, Dreaming and Achieving, Institute for Connecting Science to the Classroom, VA Tech, North Cross School, Martin Bro. Learning, Appalachian Rural Systemic Initiative A.R.S.I., Production Services, VA Dept Contractors, Inc., Roanoke College, Franklin County Public Schools Virginia's C.H.I.L.D. Project CATCE/Gereau Center for Technology, S.W. Virginia Branch, English Speaking Union, WCVE Public Television, WHRO Public Television, United. of Education, Grand Home Furnishing, The Jason Project, Community School, SIS Solutions, L.L.C., Jefferson Poplar Forest, 3rd Wave, Inc., World Com Marco Polo State Administrator, Virginia Intermont College, Logg Mason Wood Walker, Inc., VA Western Community College, Southwest Virginia Public Education Consortium, VITAL, Southwest Education and Training Network, CyberLearning Labs, Inc.

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Goals and Objectives:

Goal:

Establish an ongoing process for providing professional development in effective use of technology.

Objective:

Summer academies with the follow-up sessions during evenings and weekends will have been designed, developed, and implemented.

Expert resources will have been pooled collectively from all school divisions and sharing of resources among the Consortium members will have been coordinated.

All project activities will have been based on successful research-based professional development models and instructional best practices.

Project participants will have served as mentors, coaches, and instructors to train additional teachers, media specialists, and administrators in their divisions or in other Consortium member divisions.

Goal:

Develop the technology integration skills of the teachers, media specialists, and administrators.

Objective:

Consortium member teachers will have participated in technology training opportunities provided by Consortium members other than their own school divisions.

Training workshops for administrators will have been offered in evaluating the integration of technology into instruction.

Information literacy integration workshops for library media specialists to acquire skills such as BIG 6 will have been offered.

Teachers, media specialists, and administrators will have demonstrated integration of various technologies as measured by MERC and ITTIP through the use of evaluation instruments.

Goal:

Ensure that teachers, media specialists, and administrators infuse technology to deliver instruction.

Objective:

Novice teachers, media specialists, and administrators will have demonstrated integration of technology at a beginning level of infusion such as adaptive technologies, use of PowerPoint in instruction, creation of concept map with Inspiration, and using search engines on the Web.

Integrators and early adopters will have demonstrated integration of technology through the use of Web quest, use of Web for communication with parents, integration of video streaming, multimedia, and emerging technologies.

Teachers, media specialists, and administrators will have demonstrated integration of various technologies as measured by MERC and ITTIP through the use of evaluation instruments.

Goal:

Facilitate the use and integration of emerging technologies in teaching and learning.

Objective:

Appropriate hardware, software, and support to early adopters will have been provided.

Training and demonstration of the use of new technologies in classrooms will have been provided by the Science Museum of Virginia, Virginia Commonwealth University, and Community Idea Stations.

Goal:

Improve student achievement in content areas through the use of technology.

Objective:

Students will have demonstrated the use of a wide range of technology tools such as presentation software, use of internet for research and communication.

Students will have improved their SOL scores in content areas.

Middle school students of the Consortium partners will have demonstrated technology literacy by the end of the eighth grade.

High school students of the Consortium partners will have demonstrated technology literacy through project-based learning, electronic portfolios, and other innovative uses of new technologies.

Goal:

Create an organizational structure for working together where experts help novices.

School divisions within the Consortium support each other based on needs, irrespective of size, geographic location, and resources.

Objective:

Enhance communication between school divisions within the Consortium using video conferencing and other means.

Assess the individual needs of the divisions.

Facilitate and organize the formation of mini-consortiums based on the needs.

Assist the school divisions in sharing resources to meet identified needs.

Consortium Members:

Richmond City, Charles City County, Chesterfield County, Colonial Heights City, Dinwiddie County, Goochland County, Hanover County, Henrico County, Hopewell City, King George County, Louisa County, Petersburg City, Powhatan County, Prince George County, Department of Correctional Education, Science Museum of Virginia, Virginia Commonwealth University, Idea Stations (WCVE), Metropolitan Educational Research Consortium (MERC), Longwood University Institute for Teaching Through Technology & Innovative Practices.

Four Rivers Technology In Education Consortium

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Goals and Objectives

Goal:

High quality professional development leading to effective integration of technology within the curriculum and self-efficacy.

Objectives:

At least 30 teachers from consortium schools grades K-5 will receive training in effective technology integration during the one-week 4 TEC Summer Math Institute and participate in two follow-up assessment/assistance sessions. At least 30 teachers from consortium schools grades K-5 will receive training in effective technology integration during the one-week 4 TEC Summer Reading Institute and participate in two follow-up assessment/assistance sessions. At least 30 special needs teachers from consortium schools grades K-12 will receive training in effective technology integration during the one-week 4 TEC Summer Special Needs Institute. At least 20 science teachers schools grades K-8 will receive training in effective technology integration during the Fall semester on-line training course. Teachers/media specialists will have access to software and video streaming technology utilized during the summer institutes for use during the 2006-07 school year. K-5 teachers will have access to necessary assistive technology capacity software (Microsoft Office XP or 2003) and LOTTIE kits and hardware/software requested by WCVE for assistive technology workshop. Encourage participation in training opportunities and compensate teachers for time outside of contracted school hours, as well as associate value with the training opportunity and foster enthusiasm and collaboration among teachers who attend trainings. Encourage participation in training opportunity for ITRT/lead technology teachers in coursework (CAPSTONE I) leading to NETS*T certification. Teachers and administrators trained during the summer institutes will utilize the consortium website for scheduling, communication and training purposes during the summer institutes and throughout the 2006-07 school year. To continue to assess and adjust technology training to assist consortium members in meeting state and federal guidelines under NCLB.

Consortium Members:

Caroline County, Chesapeake Bay Governor's School, Colonial Beach, Essex County, King & Queen County, King William County, Lancaster County, Mathews County, Middlesex County, New Kent County, Northern Neck Technical Center, Northumberland County, Richmond County, Surry County, Town of West Point, Westmoreland County, Woodland Academy, Rappahannock Community College, George Mason University, VITAL, Longwood College, WCVE.

North Tier Consortium

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Goals and Objectives

Goal:
Provide high quality sustained professional development for improved technology integration.

Objective:
Provide 300 formal and informal technologists and technology using teachers' professional development focusing on effective technology integration and the skills necessary to help teachers change teaching practice to include effective technology use.

Goal:
Implement effective integration of technology in the classroom to improve teaching and learning.

Objectives:
Provide professional development activities for 500 educators by sharing high quality technology-infused lessons through conferences. Conduct annual evaluations of components of the North TIER Program. Provide Support to school Division ITRT's.

Consortium Members:
Fredericksburg City, Alexandria City, Arlington County, Clarke County, Culpeper County, Fairfax County, Falls Church City, Fauquier County, Frederick County, Loudoun County, Manassas City, Manassas Park City, Prince William County, Spotsylvania County, Stafford County, George Mason University, MHZ Networks.

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Goals and Objectives

Goal:
Provide sustained, high quality professional development activities for educators on integrating technology within existing or new curricula.

Objective:
(Year 3) 75% (130) of schools in the region will have at least one teacher trained as a Mentor/Model teacher through SVTC TPC activities. (Year 4) 90% (18) of divisions in the region will have teachers trained as a Mentor/Model teacher through SVTC TPC activities. 300 teachers in the region will participate in SVTC TPC activities and become Mentor/Model teachers. 30 educators will be trained to evaluate technology integration in the classroom.

Goal:
Implement and encourage on-going integration of research-based instructional methods for effective technology into classroom instruction.

Objective:
Assessment rating of Essential Conditions for effective technology integration will improve in 25% of schools that did not report improvement in previous years. 150 teachers will meet or exceed performance standards for planning and implementing technology-based learning activities that promote student engagement in analysis, synthesis, interpretation, and creation of original products as listed in NETS*T standards rubrics. Each incentive piece of hardware/software that teachers are trained to integrate will be used an average of 2 times. Teachers will create 200 model lessons for technology integration. 150 uses of the Model Lesson Plans will be documented along with the impact on students. 100 uses of videostreamed content will be documented.

Consortium Members:
Harrisonburg City, Albemarle County, Augusta County, Buena Vista City,
Charlottesville City, Greene County, Highland County, Lexington City, Madison County,
Nelson County, Orange County, Page County, Rappahannock County, Rockbridge

County, Rockingham County, Shenandoah County, Staunton City, Warren County, Waynesboro City, Winchester City, Mountain View Academy, Timber Ridge School, Blue Ridge Community College, James Madison University, University of Virginia, WVPT, Institute for Teaching Through Technology and Innovative Practices, International Society for Technology in Education, Shenandoah Public Education Network, Virginia Educational Technology Alliance, Intel Corp., United Learning.

Southside Educational Technology Consortium

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Goals and Objectives

Goal:

Improve student achievement through the use of technology in schools across Southside Educational Technology Consortium.

Objective:

Spring, 2005-2007 pass rates on SOL tests in testing grades will increase by 5% across SETC. The number of student performing above 70% will increase by 5% from within the SETC.

Goal:

Increase integration of technology into the classroom.

Objective:

Deliver high quality professional development several modes: a) the most widely web-based b) in conveniently located facilities across Southside Virginia (face-to-face), and c) in distance learning.

Goal:

To provide training necessary to use both, the system, hardware, and information provided.

Objectives:

Involve school leaders in technology leadership training in use of equipment and utilization of data derived. Conduct train-the trainer workshops for the use of data for determining student instruction needs. Purchase appropriate materials and supplies to support professional development activities of the project.

Goal:

Conduct evaluation to provide continuous evaluation of project effectiveness.

Objective:

To develop a systematic process for evaluating project activities.

Consortium Members:

Prince Edward Public Schools, Amelia County Public Schools, Brunswick County Public Schools, Buckingham County Schools, Charlotte County Public Schools, Cumberland County Schools, Greensville County Schools, Halifax County Public Schools, Mecklenburg County Schools, Nottoway County Public Schools, Sussex County Public Schools, Longwood University Institute for Teaching Through Technology, Lightspan, Inc., WCVE-Channel 23, United Learning, SVRTC.

WHRO/CII Consortium

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Goal and Objectives

Goal:

Provide high quality professional development.

Objective:

Provide high quality professional development focused primarily on technology integration in core subjects and student academic achievement standards that complement

local technology integration training initiatives to as many school teachers, principals, and administrators as possible via the most appropriate delivery mode.

Goal:

Effective integration of technology into the curriculum as an instructional and learning tool utilized by teachers and students, and which aids in the improvement of students' academic achievement.

Objective:

Teachers who receive professional development as a result of the NCLB Ed Tech funding will effectively integrate the technology-based/enhanced instructional strategies in their classrooms to a level that is substantially higher than prior to the professional development, within infrastructure parameters. Reach as many educational leaders as possible with technology integration information. Increase community understanding of technology integration efforts and its effect on student performance.

Consortium Members:

Norfolk City, Accomack County, Cape Henry Collegiate, Catholic High School, Chesapeake Bay Academy, Chesapeake Public Schools, Christ the King, Gloucester County Public Schools, Hampton Public Schools, Hampton Roads Academy, Hebrew Academy of Tidewater, Isle of Wight County Public Schools, Franklin City Public Schools, Nansemond –Suffolk Academy, NASA Langley Research Center, Newport News Public Schools, Norfolk Academy, Norfolk Christian Schools, Norfolk Collegiate, Northampton County Public Schools, ODU, Darden College of Education, Poquoson Public Schools, Portsmouth Public Schools, Southampton County Public Schools, St. Gregory The Great School, St. Pius X School, Suffolk Public Schools, Tidewater Academy, UVA Hampton Rds. Ctr., Virginia Beach Friends School, Virginia Beach Public Schools, Virginia School for the Deaf, Blind & Multi-Disabled, Williams School, Williamsburg-James City County Public Schools, York County School Division, Classroom Connect, PBS TeacherLine, WHRO, United Learning, TechTrek, Independent Consultant, Various Local Cultural Organizations.